

ARJAV SHAJU

BACHELOR OF TECHNOLOGY GRADUATE

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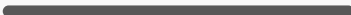
SKILLS


CATIA
CREO
AUTOCAD
3D PRINTING
MANUFACTURING PROCESS
TEAM WORK
COMMUNICATION
TIME MANAGEMENT
SIMENS NX CAD
ADDITIVE MANUFACTURING


EDUCATION

- **BACHELOR OF TECHNOLOGY
MECHANICAL ENGINEERING
GEC KOZHIKODE**
2020-2024
- **HIGHER SECONDARY EDUCATION
GVHSS ATHOLI**
2018-2020
- **SECONDARY EDUCATION
BHARATIYA VIDYA BHAVANS
KOZHIKODE**

LANGUAGES

ENGLISH 

HINDI 

TAMIL 

OBJECTIVE

Passionate mechanical engineering graduate with practical experience in 3D modeling, plastic and sheet metal design, and GD&T application. skilled in using CATIA V5 and SIMENS NX to create industry-ready components. Looking to apply my design knowledge and problem solving skills in a manufacturing where quality, and innovation are key

CERTIFICATION

IIT CERTIFIED WORKSHOP

- Automotive Diagnostics and Tuning.
- Electric and Future Mobility.
- Introduction to Automobile Tuning.
- Self Driving Electric Vehicles.

INTERNSHIP

21 DAYS ONSITE EXPERIENCE AT
TOYOTA SERVICE

- Acquired on site experience on engine assembly .
- Acquired knowledge about manual and automatic gear transmission.
- Comprehended the hybrid powertrains fundamental idea.
- Practical knowledge of troubleshooting typical Toyota automobiles

PROJECT

MULTI PURPOSE SOLAR DEVICE FOR DESALINATION AND DRYING

- Designed and fabricated a dual function Solar-powered system
- Conducted desalination experiments and drying analysis
- Evaluated system performance for practical deployment

PLASTIC DOOR PANEL DESIGN - CATIA V5

- Designed interior automotive plastic part with proper mounting features
- Focused on manufacturability and aesthetic design

TAILGATE SHEET METAL DESIGN - SIMENS NX CAD

- Designed a tailgate with emboses and drafts to redirect impact forces
- Ensured structural strength and manufacturability using sheet metal design principles
- Focused on structural integrity and manufacturability using automotive sheet metal standards

BUTTERFLY VALVE DESIGN WITH GD&T - SIMENS NX CAD

- Developed a valve assembly with dimensional tolerances using GD&T
- Created detailed engineering drawings with manufacturing annotations

ACTIVITIES

- Volunteered IEDC
- Volunteered inter college tech fest
- Active member of Society of Automotive Engineer